



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/472,630	12/27/1999	DARREN NEUMAN	A4-4291	9014

24319 7590 02/11/2004

LSI LOGIC CORPORATION
1621 BARBER LANE
MS: D-106 LEGAL
MILPITAS, CA 95035

EXAMINER

ONUAKU, CHRISTOPHER O

ART UNIT	PAPER NUMBER
----------	--------------

2615

DATE MAILED: 02/11/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/472,630

Applicant(s)

Neuman et al

Examiner

Christopher O. Onuaku

Art Unit

2615



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Aug 28, 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8, 16, and 18-28 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8, 16, and 18-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____ 6) ☐ Other:

Art Unit: 2615

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 16&18-20 (claim 17 is canceled) have been considered but are moot in view of the new ground(s) of rejection.
2. Applicant's arguments filed 8/28/03 with respect to claims 1-8 have been fully considered but they are not persuasive. .

Applicant argues that nowhere does Strandwitz disclose that the image being saved to the disk drive is first saved to a memory within the disk, then deciphered or reformatted, and finally saved to a removable disk of the disk drive and therefore that Strandwitz fails to disclose the subject matter of claim 1.

In response, applicant fails to explicitly and precisely cite "...the image being saved to the disk drive is first saved to a memory within the disk, then deciphered or reformatted, and finally saved to a removable disk of the disk drive", as stated in the applicant's argument. Following the cited limitations of claim 1, Strandwitz clearly discloses the claimed subject of claim 1 as shown in the rejections below

Applicant argues that nowhere does Strandwitz disclose "decoding the stored image from a first into a photoframe and encoding the decoded image into a second format" as claimed in claims 4 and 5'.

Art Unit: 2615

In response, it is pertinent to point out that the argument above fail to include the limitations of claim 5. However, the limitations of claim 4 are clearly disclosed by Strandwitz as shown in the rejections because Strandwitz discloses in col.4, lines 32-48 that video encoding/decoding module 200 and video transport module 230/240 can provide video processing and video reconstruction means that provide selectively processed first video signals processed according to a selected protocol scheme and provide reconstructed second video signal. In order words, Strandwitz discloses decoding an encoded video signal and encoding the decoded video signal into another video signal format. Here examiner reads "photoframe" as video signal.

Claim Rejections - 35 U.S.C. § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for the purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Art Unit: 2615

4. Claims 1,3,4,5&8 are rejected under 35 U.S.C. 102(e) as being anticipated by Strandwitz et al (US 6,522,352).

Regarding claim 1, Strandwitz et al disclose wireless camera devices, including video camera devices and still camera devices, and wireless camera system/method comprising a self-contained wireless camera device in combination with a base station device, the method comprising:

a) communicating the image from an image capture device to the removable media device via a wireless connection (see camera device 10 wirelessly connected to base station 20 of Fig.1 which wireless device architecture is shown in Fig.2&4; camera 100 of Fig.4 and camera 130 of Fig.2; disk drive 402 of Fig.4; col.3, lines 9-39; col.6, lines 48-59; col.13, line 45 to col.2, 14, line 2);

b) storing the communicated image in memory on the removable media device (see disk drive 402; col.13, line 45 to col.2, 14, line 2);

c) deciphering the stored image (see Fig.2, video encoding/decoding module 200 and real time transport protocol module 230; col.4, lines 32-48);

d) recording the deciphered image on removable media (see disk drive 402; col.13, line 45 to col.2, 14, line 2);

e) wherein the recorded image on the removable media is capable of being accessed on removable media device (see col.13, lines 45-62).

Art Unit: 2615

Regarding claim 3, Strandwitz discloses the method step comprises wherein the wireless connection includes at least one of an infrared link of radio frequency link (see RF link; col.3, lines 18-30).

Regarding claim 4, Strandwitz discloses the method step comprises wherein the deciphering includes decoding the stored image from a first format into a photoframe and encoding the decoded image into a second format (see Fig.2, video encoding/decoding module 200 and real time transport protocol module 230; col.4, lines 32-48), here the decoding means decodes the image to one format and the encoding means encodes the image signal into another format (a second format).

Regarding claim 5, Strandwitz discloses the method step comprises wherein the first format includes at least one of Graphic Interchange Format (GIF), Hypertext Markup Language (HTML), bitmap, and Joint Photographic Experts Group (JPEG) and the second format includes Motion Pictures Experts Group (MPEG) bitstream (see col.3, lines 9-16).

Regarding claim 8, Strandwitz discloses the method step comprising wherein the recorded image includes at least one of text, music and voice clips (see col.7, lines 10-19).

Art Unit: 2615

Claim Rejections - 35 U.S.C. § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 16,18,20,25,26&28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Strandwitz et al in view of Roberts et al (US 6,496,222).

Regarding claim 16, the claimed limitations of claim 16 are accommodated in the discussions of claim 1 above. Strandwitz fail to explicitly disclose querying the image storage device for a supported format, and if the supported format differs from an image format, deciphering the image to the supported format and communicating the image from the image capture device to the image storage device.

Roberts et al teach an electronic still video camera including an improved electronic still camera which converts a still picture of an object or scene into an operator selectable compressed digital signal format for storage utilizing a compression/decompression algorithm, such as JPEG algorithm standard for example, formatted into PC compatible format retaining the images' color information, and stored on a PC compatible memory diskette, wherein image storage device is checked for proper format, and reformatted if desired before image storage (see col.6, line 24-56; col.8, lines 30-65; and col.11, line 56 to col.12, line 12).

Art Unit: 2615

It would have been obvious to modify Strandwitz by realizing Strandwitz with the means to check an image storage for proper format and reformatting the image storage to the proper format before storing the desired image in a given format, as taught by Roberts, in order, for example, to store an image in a properly matching formatted storage device.

Regarding claim 18, the claimed limitations of claim 18 are accommodated in the discussions of claim 3 above.

Regarding claim 20, the claimed limitations of claim 20 are accommodated in the discussions of claim 4 above.

Regarding claim 25, the claimed limitations of claim 25 are accommodated in the discussions of claim 16 above.

Regarding claim 26, the claimed limitations of claim 26 are accommodated in the discussions of claim 3 above.

Regarding claim 28, the claimed limitations of claim 28 are accommodated in the discussions of claim 4 above.

Art Unit: 2615

7. Claims 2,6,7&22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Strandwitz et al in view of Squilla et al (US 6,396,537).

Regarding claim 2, Strandwitz fails to explicitly disclose the method wherein the removable media device includes at least one of a digital versatile disk (DVD), digital video disk-erasable (DVD-e), VCD, and compact disc. Squilla et al teach a photographic system including a camera that is capable of interactive data communication with sources of digital data associated with one or more scenes comprising the image server 70, wherein the microprocessor 76 drives a writer 91 to provide customized media 92 including compact disks (CDS) and digital video disks (DVD) (see Fig.2, col.5, line 64 to col.6, line 19).

It would have been obvious to modify Strandwitz by realizing Strandwitz with a DVD or CD as storage means , as taught by Squilla, in order to store camera image on the large storage space of a CD or DVD.

Regarding claim 6, Squilla further teaches wherein the deciphered image is recorded on a digital versatile disk (DVD) device (see col.5, line 64 to col.6, line 19).

Regarding claim 7, Squilla further teaches wherein the deciphered image is played back as at least one of a photo album and slide show (see col.5, line 64 to col.6, line 19).

Art Unit: 2615

Regarding claim 22, the claimed limitations of claim 22 are accommodated in the discussions of claim 2 above.

8. Claims 19&27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Strandwitz et al in view of Roberts and further in view of Squilla et al .

Regarding claim 19, the claimed limitations of claim 19 are accommodated in the discussions of claim 2 above, except the claimed one of digital camera or digital camcorder (see col.4, lines 3-25).

Regarding claim 27, the claimed limitations of claim 27 are accommodated in the discussions of claim 19 above.

Conclusion

9. Any inquiry concerning this communication or earlier communications from this examiner should be directed to Christopher Onuaku whose telephone number is (703) 308-7555. The examiner can normally be reached on Tuesday to Thursday from 7:30 am to 5:00 pm. The examiner can also be reached on alternate Monday.

If attempts to reach the examiner by telephone is unsuccessful, the examiner's supervisor, Andrew B. Christensen, can be reached on (703) 308-9644.

Any response to this action should be mailed to:

Art Unit: 2615

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314, (for formal communications intended for entry)

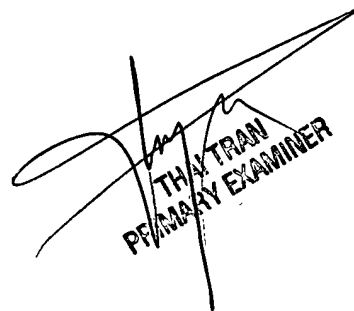
and (for informal or draft communications, please label "PROPOSED" or
"DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive,
Arlington, VA., Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application should be
directed to Customer Service whose telephone number is (703) 306-0377.


COO

2/7/04


THAI TRAN
PRIMARY EXAMINER